SPECIFICATION AMENDMENTS

On page7, the paragraph beginning on line 3, please amend as follows:

Flows of nitrogen have been used in different arts, but this technology has not been implemented on devices with internal moving parts. In the chemical, petrochemical and oil refining industry, various reactor vessels that operate at 1,000°F are taken off line for maintenance. These processes are used to reduce crude oil to useable end products. These large reactor vessels contain various catalysts that aid the crude processing. These catalysts become spent and are required to be periodically replaced. The reactor vessels must be cooled down from their operating temperatures over 600°F to less than 100°F. The process equipment being cooled in this art are reactor vessels that are stationary and static with no moving parts. Care must be taken to not cool the metal ~~to~~ too fast that can cause metal fatigue and cracking from stresses caused from shocking the metal. For vessels with no moving parts, liquid nitrogen has been forced through vessels having metal surfaces at greater than 350°F. Most metal can be cooled down at rates of 75-100°F per hour.

On page 9, the paragraph beginning on line 1, please amend as follows:

The present invention provides a flow of nitrogen from a nitrogen pumper to a flow control station installed under the steam turbine. The nitrogen pumper pumps the nitrogen through a single piping header into the area under the steam turbine. The gas is divided into different flow streams in a nitrogen flow control station, which is ~~design~~ designed to control the nitrogen flow and temperature being delivered to different sections of the turbine.

On page 10, the paragraph beginning on line 1, please amend as follows:

α is the coefficient of thermal expansion for a given material and is in the 10^6 range. Therefore, the typical growth ~~with~~ is from about two inches to about 12 inches on a very large turbine.

On page 10, the paragraph beginning on line 12, please amend as follows:

The present invention may be incorporated into or ~~use~~ used on a variety of turbines via a variety of turbine connections that are different depending on the manufacturer of the turbine. The present invention is described in conjunction with one embodiment of the invention, but

those skilled in the art recognize that the teachings herein are equally applicable to different embodiments with varying connections.

On page 14, the paragraph beginning with the line 1, please amend as follows:

In a preferred embodiment, the present invention includes a braking device to allow controlling the turbine rotation speed at a turning gear speed. These designs would address the need to not over spin the turbine with the nitrogen inject and preferably maintain a controlled and constant rotation speed less than operational design spin but sufficient to facilitate the flow of nitrogen through the machine. This device would be installed on the turbine/generator shaft to control the speed of the turbine-to-turbine gear speeds. This provides enough ~~tortional~~ torsional resistance to maintain the turbine at turning gear speeds and reduce the damage to the turbine in the event that the turbine rotor expands or contracts relative to the shell.